Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/810,766              | KRUSE ET AL.                            |  |
| Examiner                | Art Unit                                |  |

| √ | Rejected |  |
|---|----------|--|
| - | Allowed  |  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Phuong-Thao Cao

| Α | Appeal   |
|---|----------|
| 0 | Objected |

2164

|       |          | Date     |              |  |  |  |   |  |              |           | Claim Date |          |   |          |               |         |              |               |          | Г        | Cla          | vinn 1 | Date       |                 |              |          |          |          |           |                |          |
|-------|----------|----------|--------------|--|--|--|---|--|--------------|-----------|------------|----------|---|----------|---------------|---------|--------------|---------------|----------|----------|--------------|--------|------------|-----------------|--------------|----------|----------|----------|-----------|----------------|----------|
| Ci    | aim      | _        |              |  | _  | Jale   | <del>,</del>                              | -  |              |           | <u> </u>   | 11111    | Н                                       |          | $\overline{}$ | 7       | T            | $\overline{}$ | _        | $\neg$   | <b> </b> -   |        | 31(1)      |                 | Т            | Т        | T        | ale<br>T | 1         | $\neg$         | $\neg$   |
| Final | Original | 10/6/07  |              |  |  |  |   |  |              |           | Final      | Original |   |          |               |         |              |               |          |          |              | Final  | Original   |                 |              |          |          |          |           |                | :        |
|       | (1)      | 1        |              | $\dashv$   | _  |  | $\Box$                                    |  |              |           | ļ          | 51       | H                                       | 1        | 十             | T       | +            | 1             | +        | 1        |              |        | 101        | $\dashv$        | +            | T        | T        | _†       | ヿ         | 十              | $\top$   |
|       | -2       |          |              |  |  |  | П   | $\neg$   |              |           |            | 52       |   | 1        | $\top$        | 1       | T            | 1             | 1        | 1        | ╽            |        | 102        |                 | 1            | T        | T        | -†       | 寸         | $\dashv$       | $\top$   |
|       | 3-       |          |              |  |  | _  |   |  | П            |           |            | 53       | $\Box$                                  | _        | $\neg$        | 1       | T            | T             | $\top$   |          |              |        | 103        |                 | T            |          | T        |          | T         | 寸              | T        |
|       | 4        | 7        |              |  |  |  |   |  |              |           |            | 54       |   |          |               | T       |              | 1             | 1        | <u> </u> |              |        | 104        |                 | T            | 寸        | T        |          | 寸         | T              |          |
|       | 5        | ٧        |              |  |  |  | П   |  |              |           |            | 55       | П                                       | $\neg$   |               |         | T            | 1             |          |          |              |        | 105        | $\neg \vdash$   | T            |          | $\top$   |          | ヿ         | $\neg$         | $\neg$   |
|       | 6        | 1        |              |  |  |  | П   |  |              |           |            | 56       | П                                       | $\neg$   | 1             | Т       | T            | Т             | ┰        |          |              |        | 106        |                 | T            |          |          | 7        |           |                |          |
|       | 7        | V        |              |  |  |  |   |  |              |           |            | 57       |   |          |               | Ι       |              |               |          |          |              |        | 107        |                 | T            |          |          |          |           |                |          |
|       | 8        | V        |              |  |  |  |   |  |              |           |            | 58       | ΙΙ.                                     |          |               |         | $\Box$       |               |          |          |              |        | 108        |                 |              |          |          |          |           |                |          |
|       | 9        | 1        |              |  |  |  |   |  |              |           |            | 59       |   |          |               |         |              |               |          |          |              |        | 109        |                 |              |          |          |          |           |                |          |
|       | 10       | 1        |              |  |  |  |   |  |              |           |            | 60       |   |          |               |         |              |               |          |          |              |        | 110        |                 | $\perp$      |          |          |          |           |                |          |
|       | 11       | 1        |              |  |  |  |   |  |              |           |            | 61       |   |          |               |         |              |               | ┙        |          |              |        | 111        |                 |              |          |          |          |           | $\perp$        | $\perp$  |
|       | 12       | 1        |              |  |  |  |   |  |              |           |            | 62       |   |          |               | $\perp$ | $\perp$      | $\perp$       | ᆚ        |          |              |        | 112        |                 | _            | _        | ᆚ        |          |           | _              |          |
|       | 13       | 1        | <u> </u>     |  |  |  | Ш   |  |              |           |            | 63       | Ш                                       |          |               | $\perp$ | $\perp$      | _             | 4        |          |              |        | 113        |                 | $\perp$      | _        | 4        |          | _         | _              |          |
|       | 14       | 1        |              |  |  |  | Ш   |  |              | _         |            | 64       | $\sqcup \bot$                           |          |               | $\perp$ | _            |               | $\perp$  |          |              |        | 114        |                 | $\downarrow$ |          |          |          |           | _              | 丄        |
|       | 15       | 1        |              |  |  |  | Ш   |  |              |           |            | 65       | Ш                                       | _        | $\bot$        | $\perp$ | $\perp$      | $\perp$       | $\perp$  |          |              |        | 115        |                 | 1            | _        | _        |          |           | _              |          |
|       | 16       | V        |              |  |  |  |   |  |              |           |            | 66       |   | _        | _             | $\perp$ | _            | _             |          |          |              |        | 116        | _               | 4            |          | 4        |          |           | _              | -        |
|       | 17       | 1        |              |  |  | <u> </u>   | Ш   |  |              | _         |            | 67       |   | _        |               | 1       | _            | $\perp$       | $\perp$  |          |              |        | 117        |                 | 4            | $\perp$  | _        | -4       |           | 4              |          |
|       | (18)     | ٧        |              |  |  |  |   |  | Ш            | _         |            | 68       | <u> </u>                                | _        | 4             | 4       | _            | $\perp$       | $\perp$  |          |              |        | 118        |                 | 4            | 4        | _        |          | _         | _              |          |
|       | 19       | L.       |              |  |  | _  | Щ   |  | Ш            |           |            | 69       | <u> </u>                                | 4        | 4             | 4       | 4            | $\dashv$      | 4        |          |              |        | 119        |                 | 4            | 4        | _        |          |           | $\dashv$       | +        |
|       | 20       | 1        | L            |  |  | _  |   |  | Ш            | _         |            | 70       | $\sqcup$                                | _        | _             | _       | 4            | 4             | 4        |          |              |        | 120        | _               | 4            | _        | _        | -4       |           | 4              | +        |
|       | (21)     | V        |              | _  | <u> </u>   |  | Ш   | Ш  | Ш            | _         |            | 71       | $\sqcup$                                | _        | -             | +       | 4            | 4             | -        | -        |              |        | 121        |                 | 4            | -        |          |          |           | $\dashv$       | _        |
| _     | 22       | 1        | <u> </u>     |  | <u> </u>   |  |   |  | Щ            | _         |            | 72       | $\vdash$                                | -        | -             | _       | +            | -             | +        | -        |              |        | 122        |                 | +            |          | _        | -+       |           | -+             | +        |
| -     | 23       | 1        | <u> </u>     | -  | <u> </u>   | <b>—</b>   |   | <u> </u>   | H            |           | -          | 73       | $\vdash$                                | +        | -+            | +       | +            | +             | -        |          | 1            |        | 123<br>124 | $\dashv$        | +            | -        | $\dashv$ | -+       |           | -+             |          |
| -     | 24~      | <u> </u> | <u> </u>     |  | ├  | <u> </u>   |   | $\vdash$   | Н            |           | -          | 74<br>75 | $\vdash$                                | $\dashv$ | $\dashv$      | +       | +            | +             | -        |          | <del> </del> |        | 125        |                 | +            | -+       | +        | +        | $\dashv$  | $\dashv$       | +        |
|       | 25       | <b>}</b> | $\vdash$     | H  | Ŀ  | -  | -   | _  | Н            | $\dashv$  |            | 76       | ╁╌┼                                     | $\dashv$ | +             | +       | +            | +             | +        |          | <del> </del> |        | 126        | -               | ╁            | -        | -+       | -+       | $\dashv$  | $\dashv$       | +        |
|       | 26<br>27 | -        | -            | <del>                                     </del> | $\vdash$   |  | $\vdash$                                  | ┝  | H            | $\dashv$  |            | 77       | $\vdash$                                |          | -             | +       | +            | +             | +        | +        | 1            |        | 127        | -+              | +            | $\dashv$ | $\dashv$ | -+       | $\dashv$  | ᆉ              | +        |
| -     | 28       | ┢        | ⊢            | <del> </del>                                     | <u> </u>   | -  | H   | ⊢  | Н            |           |            | 78       | 1                                       | $\dashv$ | +             | +       | $\dashv$     | +             | +        | +        | 1 }          |        | 128        | -               | +            | $\dashv$ | $\dashv$ | -+       | ┥         | $\dashv$       |          |
|       | 29       | -        | ├            | -  | -  | $\vdash$   | ├   | ├  | H            |           | $\vdash$   | 79       | $\vdash$                                | -+       |               | +       | ┪            | $\dashv$      | -        |          | 1 1          |        | 129        | $\vdash$        | +            | -+       | -        |          | -         | -              | +        |
|       | 30       | -        | ╁            | ⊢  |  | $\vdash$   | _   | <del>                                     </del> | $\vdash$     |           | -          | 80       | +                                       |          | $\dashv$      | +       | +            | +             | +        |          | ┨            |        | 130        | -               | +            | -        | -+       |          | _         | $\dashv$       | +        |
|       | 31       | ├        | ├            | -  |  | ┢  |   | $\vdash$   |              |           |            | 81       | ╁╌┼                                     |          | -             | +       | +            | +             | +        | _        | 1 1          |        | 131        | -+              | +            | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | -              | +        |
|       | 32       | -        | ╁╌           | -  | _  | ├  |   | $\vdash$   | $\vdash$     | $\dashv$  |            | 82       | +                                       |          |               | ╅       | 十            | +             | +        |          | 1 1          |        | 132        |                 | +            | 十        | $\dashv$ | -        | $\dashv$  | $\dashv$       | $\dashv$ |
|       | 33       |          | ├            |  | -  | ┢┈   |   |  | -            | $\dashv$  |            | 83       | 1                                       | _        | _             | +       | +            | 十             | -+       |          | 1 1          |        | 133        |                 | $\dagger$    | $\dashv$ | $\dashv$ | 一        |           | $\dashv$       | _        |
| -     | 34       |          | ╁            | -  |  |  |   |  | _            | $\dashv$  |            | 84       | 1 1                                     | _        | $\top$        | 十       | $\top$       | $\dashv$      | $\dashv$ |          | 1 1          |        | 134        |                 | +            | 寸        | 寸        |          |           | $\neg$         | _        |
|       | 35       |          | +            | -  | <del>                                     </del> | ┢  | 1   | $\vdash$   | $\vdash$     | $\dashv$  |            | 85       | 1 1                                     |          | $\neg$        | ┪       | $\dashv$     | 1             | $\dashv$ |          | 1 1          |        | 135        |                 | 7            | T        | 寸        |          |           | $\neg$         | $\neg$   |
|       | 36       | H        | H            |  |  | <del>                                     </del> | i   | <del>                                     </del> |              | $\Box$    |            | 86       | i i                                     | $\neg$   | $\top$        | 十       | 7            | 7             | 7        | 1        | 1 1          |        | 136        |                 | 1            | 寸        |          |          | $\neg$    | $\neg$         | $\neg$   |
|       | 37       |          |              |  |  | t  | $\vdash$                                  | 1  |              | Ħ         |            | 87       |   | ヿ        | 7             |         | 7            | 7             | 寸        |          | 1 1          |        | 137        |                 |              |          |          | $\neg$   |           | $\exists$      |          |
|       | 38       |          |              |  |  | T  | $\vdash$                                  |  |              | П         |            | 88       | i i                                     |          |               | T       |              | T             | $\dashv$ |          | 1 1          |        | 138        | _               |              | $\neg$   |          | $\lnot$  |           | $\neg$         |          |
|       | 39       |          |              |  |  |  |   |  |              |           |            | 89       | 1                                       | $\neg$   | $\neg$        |         | T            |               |          |          |              |        | 139        |                 |              | Ī        |          |          |           |                |          |
|       | 40       | T        |              | Π  |  |  |   |  | Г            |           |            | 90       | П                                       |          |               |         |              |               |          | -        | ] [          |        | 140        |                 |              |          |          |          |           |                |          |
|       | 41       |          |              |  |  |  |   |  |              |           |            | 91       |   |          |               |         |              |               |          |          | ] [          |        | 141        |                 |              |          |          |          |           |                |          |
|       | 42       |          |              |  |  |  |   |  |              |           |            | 92       |   |          |               |         |              | $\Box$        | $\Box$   |          | ] [          |        | 142        |                 |              | [        | [        | _]       |           | [              | $\bot$   |
|       | 43       |          |              |  | Ĺ  |  |   |  |              |           |            | 93       |   |          |               |         | $\perp$      |               |          |          | 1            |        | 143        | $oxed{oxed}$    | 4            | $\perp$  |          |          |           | $\Box$         | $\perp$  |
|       | 44       |          |              |  |  |  | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | L  | $oxed{oxed}$ | Ш         | <u> </u>   | 94       | $\sqcup$                                |          |               | $\perp$ | $\perp$      |               | _        |          | ↓ ↓          |        | 144        | $\sqcup$        | _            |          |          | _        |           | _              | $\bot$   |
|       | 45       |          | 1            |  |  | <u> </u>   |   | _  | _            | Ш         |            | 95       | $\sqcup$                                |          |               | $\perp$ | _            | _             | _        |          | ↓            |        | 145        |                 | 4            | _        | _        | _        |           | ᆜ              | $\dashv$ |
|       | 46       | 1        | 1.           | _  | $\sqcup$   | <u> </u>   | ļ   | L_   | $oxed{oxed}$ | $\square$ |            | 96       | $\sqcup$                                | _        | $\dashv$      | _       | 4            | $\dashv$      | $\dashv$ | $\perp$  | 1            |        | 146        | $\vdash$        | $\downarrow$ | _        |          | _        |           | _              | $\dashv$ |
|       | 47       | 1        | <u> </u>     | $\perp$  | _  | 1  | <u> </u>                                  | <u> </u>   | <u> </u>     | Ш         | <u> </u>   | 97       | 1-1                                     | _        | $\perp$       | $\perp$ | $\downarrow$ | $\perp$       | _        |          | ↓            |        | 147        |                 | $\dashv$     | _        |          | $\dashv$ |           | _              | +        |
| -     | 48       | ↓_       | <del> </del> | <del> </del>                                     | ┞.   | <u> </u>   | <u> </u>                                  | 1  | <u> </u>     | Ш         | <u> </u>   | 98       | 1-1                                     | _        | $\dashv$      | +       | 4            | -+            | -        | -        |              |        | 148        |                 | -            |          | -        | $\dashv$ | $\square$ | $\dashv$       | +        |
|       | 49       | 1        | _            | <del> </del>                                     | <b>L</b>   | 1  | $\vdash$                                  | $\vdash$   | ├-           | $\square$ | <u> </u>   | 99       |   | -        | $\dashv$      | +       | 4            | +             | $\dashv$ | -        | 1            |        | 149        | $\vdash \vdash$ | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |           | <del>}  </del> | -+       |
| L     | 50       | <u> </u> | <u></u>      | نــــــــــــــــــــــــــــــــــــــ          |  | 1_   | <u> </u>                                  | L  | <u> </u>     | Ш.        |            | 100      | لــــــــــــــــــــــــــــــــــــــ |          |               |         | $\perp$      | L             | L        | _1_      | ا ا          |        | 150        | <u>L</u> .      |              |          |          |          |           |                | 丄丄       |